

Watermark Encoding and Decoding in Imaging Devices and Imaging Device Interfaces

Abstract of the Disclosure

The disclosure details methods and systems for watermark encoding and decoding
5 in imaging devices, such as printers and scanners, and imaging device interfaces.
Watermark encoding and decoding functions are incorporated into printer and scanner
image processing pipelines. Watermark encoders and decoders perform watermark
encoding and decoding, respectively, on an image as it is being transferred from one
stage of a printing or scanning process to another. In particular, streaming mode
10 watermark encoders and decoders operate on sequential portions of the image in a
sequential image stream passing from one stage to another. The streaming mode encoder
and decoder may be incorporated in a printer or scanner driver in a computer connected
to a printer or scanner peripheral or within a printer or scanner device.